homologous to this primer over a length of eight bp was found at a distance of 52 nucleotides from the 3' poly A+ tail of the cloned cDNA. It is likely that the traditional oligo-dT primer could be used in the "differential RNA display" technique instead of the 3' terminal primer, and only the 5' terminal primers could be varied; such an approach would probably decrease the number of fragments obtained, but would simultaneously increase the resolving capacity of the gel.

In the Claims:

Please cancel claims 1-52 without prejudice to or disclaimer of the subject matter contained therein. Applicants reserve the right to prosecute the subject matter of these claims in one or more continuing or divisional applications.

Please add the following new claims:

53. (New) An isolated nucleic acid comprising a polynucleotide which encodes a polypeptide having a first amino acid sequence at least 95% identical to a reference amino acid sequence selected from the group consisting of (a) amino acids 1 to 182 of SEQ ID NO:2; and (b) amino acids 20 to 182 of SEQ ID NO:2, wherein said nucleic acid encodes a polypeptide which generates antibody that specifically binds a protein consisting of amino acids 1 to 182 of SEQ ID NO:2, mediates apoptosis or inhibits tumor growth.

54. (New) The nucleic acid of claim 53, wherein said reference amino acid sequence is (a).

55. (New) The nucleic acid of claim 53, wherein said reference amino acid sequence is (b).

56. (New) The nucleic acid of claim 53, which encodes a polypeptide which generates antibody that specifically binds a protein consisting of amino acids 1 to 182 of SEQ ID NO:2.

57. (New) The nucleic acid of claim 53, which encodes a polypeptide which mediates apoptosis.

58. (New) The nucleic acid of claim 53, which encodes a polypeptide which inhibits tumor growth.

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59. (New) The nucleic acid of claim 53, wherein said nucleic acid molecule encodes a murine protein.

60. (New) A vector comprising the nucleic acid of claim 53.

61. (New) A transfected host cell comprising the nucleic acid of claim 53.

62. (New) The vector of claim 60, wherein said vector is an expression vector.

63. (New) A method of producing the polypeptide encoded by the nucleic acid of claim 53, comprising:

(a) culturing a host cell comprising said nucleic acid under conditions such that said polypeptide is expressed; and

(b) isolating said polypeptide.

64. (New) An isolated nucleic acid comprising a polynucleotide encoding amino acids 145 to 160 of SEQ ID NO:2.

65. (New) An isolated polypeptide comprising a first amino acid sequence at least 95% identical to a reference amino acid sequence consisting of (a) amino acids 1 to 182 of SEQ ID NO:2; and (b) amino acids 20 to 182 of SEQ ID NO:2, wherein said polypeptide generates antibody that specifically binds a protein consisting of amino acids 1 to 182 of SEQ ID NO:2, mediates apoptosis or inhibits tumor growth.

66. (New) The polypeptide of claim 65, wherein said reference amino acid sequence is (a).

67. (New) The polypeptide of claim 65, wherein said first amino acid sequence is amino acids 1 to 182 of SEQ ID NO:2.

68. (New) The polypeptide of claim 65, wherein said reference amino acid sequence is (b).

69. (New) The polypeptide of claim 68, wherein said first amino acid sequence is amino acids 20 to 182 of SEQ ID NO:2.

70. (New) The polypeptide of claim 65, wherein said polypeptide generates antibody that specifically binds a protein consisting of amino acids 1 to 182 of SEQ ID NO:2.

71. (New) The polypeptide of claim 65, wherein said polypeptide mediates apoptosis.

72. (New) The polypeptide of claim 65, wherein said polypeptide inhibits tumor growth.

73. (New) An isolated nucleic acid comprising a polynucleotide which encodes a polypeptide having a first amino acid sequence at least 95% identical to amino acids 1 to 191 of SEQ ID NO:4, wherein said nucleic acid encodes a polypeptide which generates antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4, mediates apoptosis or inhibits tumor growth.

74. (New) The nucleic acid of claim 73, comprising a polynucleotide which encodes amino acids 1 to 191 of SEQ ID NO:4.

75. (New) The nucleic acid of claim 73, which encodes a polypeptide which generates antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4.

76. (New) The nucleic acid of claim 73, which encodes a polypeptide which mediates apoptosis.

77. (New) The nucleic acid of claim 73, which encodes a polypeptide which inhibits tumor growth.

78. (New) The nucleic acid of claim 73, wherein said nucleic acid molecule encodes a human protein.

79. (New) A vector comprising the nucleic acid of claim 73.

80. (New) A transfected host cell comprising the nucleic acid of claim 73.

81. (New) The vector of claim 79, wherein said vector is an expression vector.

82. (New) A method of producing the polypeptide encoded by the nucleic acid of claim 73, comprising:

(a) culturing a host cell comprising said nucleic acid under conditions such that said polypeptide is expressed; and

(b) isolating said polypeptide.

83. (New) An isolated nucleic acid comprising a polynucleotide sequence at least 95% identical to nucleotides 68 to 640 of SEQ ID NO:3, wherein said nucleic acid encodes a polypeptide which generates antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4, mediates apoptosis or inhibits tumor growth.

84. (New) The nucleic acid of claim 83, comprising the polynucleotide sequence of nucleotides 68 to 640 of SEQ ID NO:3.

85. (New) The nucleic acid of claim 83, which encodes a polypeptide which generates antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4.

86. (New) The nucleic acid of claim 83, which encodes a polypeptide which mediates apoptosis.

87. (New) The nucleic acid of claim 83, which encodes a polypeptide which inhibits tumor growth.

88. (New) An isolated polypeptide comprising an amino acid sequence at least 95% identical to amino acids 1 to 191 of SEQ ID NO:4, wherein said polypeptide generates

antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4, mediates apoptosis or inhibits tumor growth.

89. (New) The polypeptide of claim 88, which generates antibody that specifically binds a protein consisting of amino acids 1 to 191 of SEQ ID NO:4.

90. (New) The polypeptide of claim 88, which mediates apoptosis.

91. (New) The isolated polypeptide of claim 88, which inhibits tumor growth.

92. (New) The polypeptide of claim 88, comprising amino acids 1 to 191 of SEQ ID NO:4.

93. (New) An isolated polypeptide comprising amino acids 145 to 160 of SEQ ID NO:2.